

No.

8500037



# THE UNITED STATES OF AMERICA

**TO ALL TO WHOM THESE PRESENTS SHALL COME:**

## Holden's Foundation Seeds, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

**Secretary of Agriculture**

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *eighteen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT (P.L. 87-787, 7 U.S.C. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

CORN

'LH82'



Attest:

Kenneth R. Egan  
Commissioner  
Plant Variety Protection Office  
Agricultural Marketing Service

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this 26th day of July in the year of our Lord one thousand nine hundred and eighty-five.

John R. Shad  
Secretary of Agriculture



# HOLDEN'S FOUNDATION SEEDS, Inc.

## 1987 PRICE LIST



"PUDDLE DUCKS," Blue-wing d. Teal

CORN STATES HYBRID SERVICES, Inc.



## HOLDEN'S FOUNDATION SEEDS

## PRIVATE INBREDS

*CB59G .....	\$3.10	*LH54 .....	3.10	*LH109 .....	3.10
*CB59L .....	2.95	*LH57 .....	3.10	*LH117 .....	3.10
*DJ7 .....	3.10	*LH58 .....	\$2.95	*LH119 .....	3.10
*D47-1 .....	3.10	*LH59 .....	3.10	*LH122 .....	3.10
*EJC-TE .....	3.10	*LH60 .....	3.10	*LH123Ht .....	\$3.10
*E24 .....	3.10	*LH61 .....	3.10	LH124 .....	3.10
*F42 .....	3.10	LH62 .....	3.10	*LH126Ht .....	3.10
*LH1 .....	2.95	LH63 .....	3.10	*LH130 .....	2.95
*LH5-50 .....	2.75	LH64 .....	3.10	*LH132 .....	3.10
*LH7 .....	3.10	*LH74 .....	3.10	*LH133 .....	2.95
LH18 .....	2.75	LH77 .....	2.75	*LHE136 .....	3.10
LH22 .....	2.75	LH79 .....	2.75	*LHE137 .....	3.10
*LH24 .....	3.10	*LH82 .....	3.10	*LH142Ht .....	3.10
*LH38 .....	3.10	LH83 .....	3.10	*LH144Ht .....	2.95
*LH39 .....	3.10	*LH85 .....	3.10	*LH145Ht .....	3.10
*LH40 .....	2.95	*LH91Ht .....	3.10	*LH146Ht .....	3.10
*LH47 .....	3.10	*LH92 .....	3.10	*LH147 .....	3.10
*LH48 .....	3.10	*LH93 .....	3.10	LH148Ht .....	3.10
*LH49 .....	3.10	*LH94A .....	3.10	*LH150 .....	3.10
*LH50 .....	3.10	LH95 .....	3.10	*LH152 .....	3.10
*LH51 .....	3.10	*LH96 .....	2.75	*LH153 .....	3.10
*LH52 .....	3.10	*LH98 .....	3.10	LH156 .....	3.10
LH53 .....	2.75	*LH106 .....	3.10		

PRIVATE RELATED  
LINE CROSSES

*A632Ht x CB59G .....	\$3.10	*LH1Ht x H93Ht .....	2.90	*LH134 x LH1 .....	2.95
*A665 x LH145Ht .....	3.10	*LH5-50 x LH5 .....	2.75	*LHE136 x B73Ht .....	3.10
*B73Ht x LH74 .....	3.10	LH33 x LH38 .....	3.10	*LHE136 x LH74 .....	3.10
B73Ht x LH117 .....	2.95	*LH54 x LH52 .....	3.10	*LHE136 x LH132 .....	3.10
C103 x LH51 .....	3.10	*LH55 x Mo17Ht .....	2.75	*LH143Ht x CB59G .....	3.10
CB59G x A635Ht .....	2.75	*LH58 x LH51 .....	\$3.10	*LH145Ht x A641Ht .....	3.10
*CB59G x CM105 .....	3.10	*LH74 x A641Ht .....	3.10	*LH145Ht x CM105 .....	3.10
*CB59G x LH145Ht .....	3.10	*LH74 x CB59G .....	3.10	*Mo17Ht x LH58 .....	3.10
*CB59G x LH146Ht .....	3.10	*LH74 x CM105 .....	3.10	MS71 x LH38 .....	2.95
*CB59L x A634Ht .....	2.75	*LH74 x LH145Ht .....	3.10	W64AHt x LH5 .....	2.75
*CB59L x CB59G .....	2.95	*LH74 x LH146Ht .....	3.10	W64AHt x LH5-50 .....	2.75
*CB59L x LH74 .....	2.95	*LH119 x B73Ht .....	3.10	*W64AHt x LH80 .....	3.10
*E24 x CB59G .....	3.10	*LH119 x LH74 .....	3.10		
*H99 x LH38 .....	3.10	*LH119 x LH132 .....	3.10		
L10 x LH51 .....	3.10	*LH132 x B73Ht .....	3.10		

## PRIVATE LINE SINGLE CROSSES

*A554Ht x LH5-50 .....	\$2.75	*LH132 x CB59G .....	\$3.10	*W64AHt x LH38 .....	3.10
*A554Ht x LH7 .....	2.75	*LH132 x LH150 .....	3.10	*W64AHt x LH51 .....	3.10
*B73Ht x CB59G .....	2.90	LH146Ht x LH93 .....	3.10	*W153R x LH7 .....	2.75
LH5-50 x A634Ht .....	2.75	*Mo17Ht x LH38 .....	3.10	*610 x LH51 .....	3.10
LH5-50 x A635Ht .....	2.75	W64AHt x LH7 .....	2.75		
*LH5-50 x CM105 .....	2.75				
*LH5-50 x LH7 .....	2.75				
*LH38 x LH51 .....	3.10				
*LH123Ht x LH38 .....	3.10				
*LH123Ht x LH51 .....	3.10				

Holden's Foundation Seeds, Inc., private lines may be obtained by completing a purchase and protective agreement.

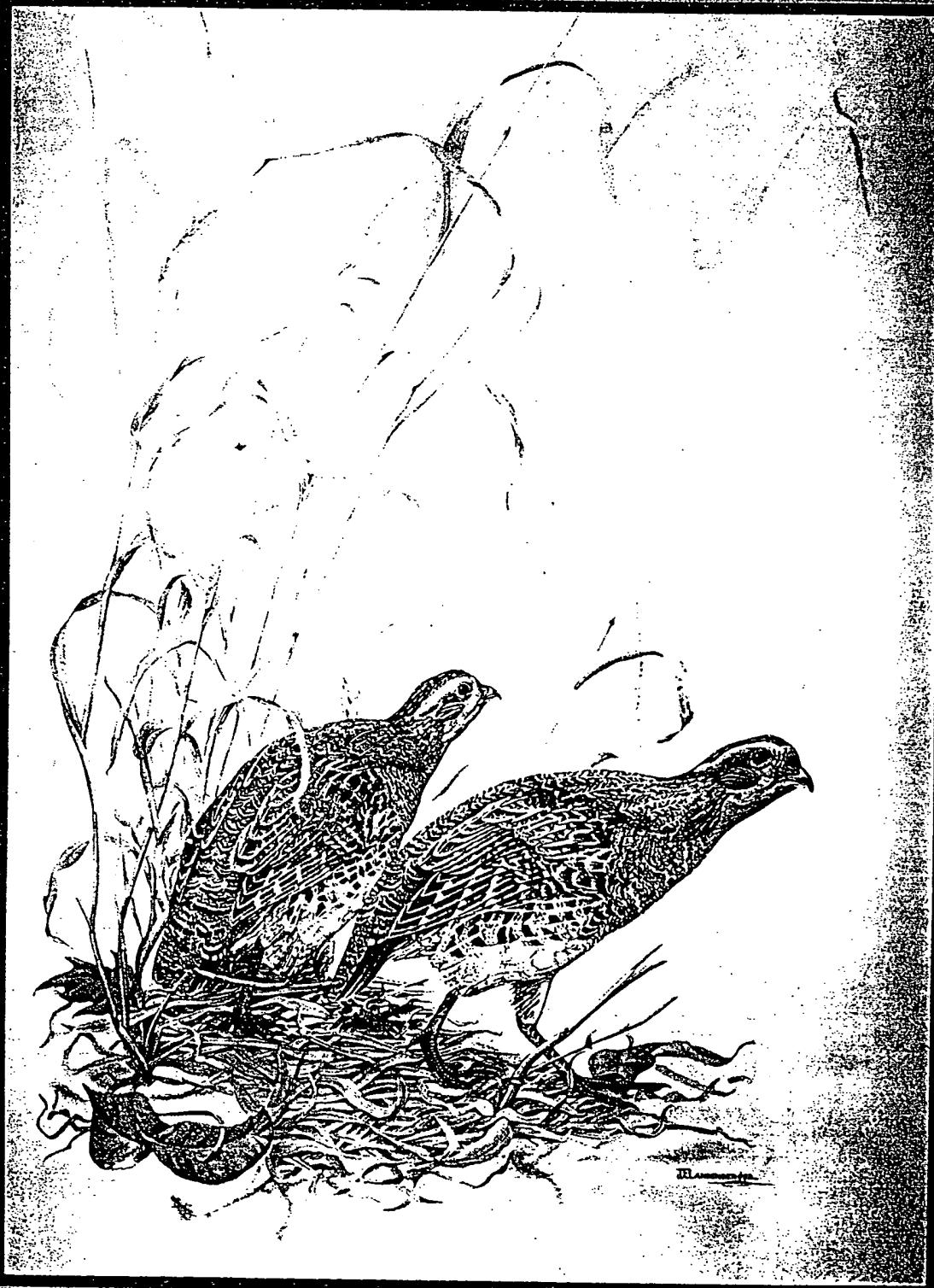
Volume discounts do not apply to private varieties. The MVK total of private and public varieties purchased is used to determine the volume discount for public varieties purchased.

\*Available as certified.



# HOLDEN'S FOUNDATION SEEDS, Inc.

## 1985 PRICE LIST



First call

CORN STATES HYBRID SERVICES, Inc.



## HOLDEN'S FOUNDATION SEEDS

PRIVATE INBREDS		PRIVATE RELATED LINE CROSSES		PRIVATE LINE SINGLE CROSSES	
*CB59G .....	\$3.10	A632Ht x LH74 .....	\$3.10	*A554Ht x LH5-50 .....	\$2.75
*CB59L .....	2.95	*A634Ht x CB59L .....	2.75	*A554Ht x LH7 .....	2.75
*E24 .....	3.10	*A635Ht x CB59G .....	2.75	*A634Ht x LH5-50 .....	2.75
*F42 .....	3.10	*A665 x LH145Ht .....	3.10	A635Ht x LH5-50 .....	2.75
*LH1 .....	2.95	*B73Ht x LH74 .....	3.10	*B73Ht x CB59G .....	2.90
*LH5-50 .....	2.75	B73Ht x LH117 .....	2.95	CM105 x LH5-50 .....	2.75
*LH7 .....	3.10	†*B73Ht x LH119 .....	3.10	*LH5-50 x LH7 .....	2.75
LH18 .....	2.75	*B73Ht x LH132 .....	3.10	*LH38 x LH51 .....	3.10
LH19 .....	2.75	*CB59G x A632Ht .....	3.10	*LH123 x LH51 .....	3.10
LH22 .....	2.75	*CB59G x LH145Ht .....	3.10	*LH132 x CB59G .....	3.10
*LH24 .....	3.10	*CB59L x CB59G .....	2.95	*Mo17Ht x LH38 .....	3.10
LH33 .....	2.75	*CB59L x LH74 .....	2.95	W64AHt x LH7 .....	2.75
*LH38 .....	3.10	CM105 x CB59G .....	3.10	*W64AHt x LH38 .....	3.10
*LH39 .....	3.10	CM105 x LH145Ht .....	3.10	*W153R x LH7 .....	2.75
*LH40 .....	2.95	H99 x LH38 .....	3.10		
*LH47 .....	3.10	L10 x LH51 .....	3.10		
*LH48 .....	3.10	*LH1Ht x H93Ht .....	2.90		
*LH49 .....	3.10	*LH5-50 x LH5 .....	2.75		
*LH50 .....	3.10	LH33 x LH38 .....	3.10		
*LH51 .....	3.10	*LH55 x Mo17Ht .....	2.75		
LH53 .....	2.75	*LH58 x LH51 .....	3.10		
*LH58 .....	2.95	LH74 x A641Ht .....	3.10		
*LH74 .....	3.10	*LH74 x CB59G .....	3.10		
LH77 .....	2.75	*LH74 x CM105 .....	3.10		
LH79 .....	2.75	*LH74 x LH145Ht .....	3.10		
*LH82 .....	3.10	*LH119 x LH74 .....	3.10		
*LH92 .....	2.75	*LH132 x LH119 .....	3.10		
LH93 .....	3.10	*LH134 x LH1 .....	2.95		
*LH96 .....	2.75	*LH143Ht x LH145Ht .....	3.10		
*LH98 .....	3.10	*LH145Ht x A641Ht .....	3.10		
LH106 .....	3.10	Mo17Ht x LH24 .....	2.75		
LH111 .....	2.75	*Mo17Ht x LH58 .....	3.10		
*LH117 .....	3.10	MS71 x LH38 .....	2.95		
*LH119 .....	3.10	W64AHt x LH5 .....	2.75		
*LH122 .....	3.10	W64AHt x LH5-50 .....	2.75		
*LH123 .....	3.10	*W64AHt x LH80 .....	3.10		
LH124 .....	3.10				
*LH125 .....	3.10				
*LH130 .....	2.95				
†*LH132 .....	3.10				
*LH133 .....	2.95				
†*LHE136 .....	3.10				
*LHE137 .....	3.10				
*LH144Ht .....	2.95				
*LH145Ht .....	3.10				
LH146Ht .....	3.10				
*LH150 .....	3.10				
LH152 .....	3.10				

Holden's Foundation Seeds, Inc., private lines may be purchased by completing an agreement protecting the lines similar to the plant protection act Public Law 91-577 and by purchasing from our company either the male or female counterpart to go with any private seed purchased.

Volume discounts do not apply to private varieties. The MVK total of private varieties purchased is used to determine the volume discount for public varieties purchased.

\* Available as certified seed.

† Winter production.

1991

LH167

LH82, Mo17

HYBRID NAME	NUM LOC	PEDIGREE	TEST GROUP	YIELD	HOH	Y/M QUOT	POPUL- LATION	% STALK	% ROOT	% DROP
H1419347	11	LH132 x LH167	115	155	14.94	10.35	25,751	4	0	0
AS COMPARED TO:										
H1310002		LH132 x LH59		-3	-.78	+.31	+657	-2	-3	-1
H1397613		LH74 x LH51		+10	-.32	+.88	-83	-2	-3	0
H1205513		LH206 x LH213		0	-.11	+.09	+95	0	-3	0
H1205410		LH204 x LH212		-3	-.11	-.10	-1	-4	-7	-1
H1395004		LH202 x LH82		+18	0	+1.18	-144	-1	-4	0
H1419346	18	LH119 x LH167	117	151	15.74	9.61	25,676	3	0	0
H1310001		LH119 x LH59		-6	-.84	+.14	-114	0	0	0
H1397613		LH74 x LH51		+9	-.22	+.72	+15	-3	-2	0
H1395004		LH202 x LH82		+9	-.14	+.62	-168	-2	-1	0
H1469830		LH119 x LH85		+9	+.02	+.56	+217	0	0	0
H1205412		LH74 x LH212		+2	+.05	+.10	-21	-4	-4	0
H1419344	16	LH202 x LH167	123	166	16.62	9.98	26,247	6	0	0
H1395004		LH202 x LH82		+13	-.84	+1.23	-43	0	-1	0
H1395301		LH206 x LH82		+7	-.05	+.45	+52	+1	0	0
H1419201		LH74 x LH82		+13	+.05	+.78	-22	0	0	0
H1420021		LH202 x LH163		+21	+.36	+1.08	+21	+1	-1	0
H1420002		LH74 x LH163		+26	+.71	+1.20	+40	+1	-1	0
H1419345	12	LH74 x LH167	125	154	19.51	7.91	26,520	7	0	0
H1419201		LH74 x LH82		-10	-1.48	+.07	-83	+1	-1	0
H1417003		LH74 x LH61		+2	-.49	+.27	+8	+3	-3	0
H1420002		LH74 x LH163		+1	-.41	+.23	+141	+2	0	0
3751		Pioneer Brand		-13	+.83	-1.05	+172	0	-2	0
H1419210		LH146 x LH82		+4	+1.25	-.35	-88	+1	-5	0

LH167 = Ex2672

LH82, Mo17

When LH167 is crossed with members of the stiff stalk family, the resulting hybrids are about 1.0% drier, have similar stalk quality, superior root strength, and are better yielding than comparable hybrids containing LH82. Additional testing is required to determine how well hybrids containing LH167 will perform in earlier areas. Combinations with early B14 (CM105) types are yet to be tested. The inbred line flowers slightly earlier than LH82.

Initial Disease Ratings -- Inbred Line (1=Ex, 9=Pr)  
Use Only As a Guide LH167 LH82

Northern Race 1	1.0	2.5
H. Carbonum Race 3	1.0	3.5